

CLAIMS

1. A system for transferring loaded containers between a delivery vehicle and a dockside located sea vessel by use of a marine terminal crane having a spreader bar suspended therefrom, comprising: a mobile loader propelled to a load transfer dockside location underlying the crane; a platform in the loader with one of the containers being carried thereon between guide rails; motorized means mounted on the platform for movement of the guide rails to enclose the container while positioning the spreader bar of the crane into alignment with the container; and hoist means for transfer of the container between the platform and the delivery vehicle positioned within the loader.
2. The system as defined in claim 1, further including: lift means connected to the platform for elevation thereof to decrease required descent of the spreader bar from the crane toward the container carried on the platform; and rail means on the platform for guiding placement of the container thereon or acquisition of the container therefrom by the spreader bar.
3. The system as defined in claim 2, further including: sensor grid means operatively connected to the motorized means and the hoist means for controlling said movement of the container in accordance with variations in location and size thereof on the delivery vehicle and the platform.
4. The system as defined in claim 3, wherein said loader comprises: a wheeled frame having an elongated bottom support on which the lift means is disposed in underlying relation to the platform and in laterally spaced relation to the positioned delivery vehicle.

5. The system as defined in claim 2, wherein said loader comprises: a wheeled frame having an elongated bottom support on which the lift means is disposed in underlying relation to the platform and in laterally spaced relation to the positioned delivery vehicle.
6. A system for transferring loaded containers between a delivery vehicle and a dockside located sea vessel by use of a marine terminal crane having a spreader bar suspended therefrom, ✓ comprising: a mobile loader propelled to a load transfer dockside location underlying the crane; a platform in the loader on which one of the containers may be carried; motorized means connected to the platform for movement thereof into underlying alignment with the spreader bar of the crane; and hoist means for transfer of the container between the platform and the delivery vehicle positioned within the loader.
7. The system as defined in claim 6, further including: sensor grid means operatively connected to the motorized means and the hoist means for controlling said movement of the platform in accordance with variations in location and size of the container carried on the delivery vehicle and the platform.